



Patent Application for: Varying Refractive Index Optical Medium Using  
at Least Two Materials with Thicknesses Less than a Wavelength

Inventor(s): Yan Zhou and Seng-Tiong Ho

Attorney Docket No. 10095/18 and Serial No. 10/652,269

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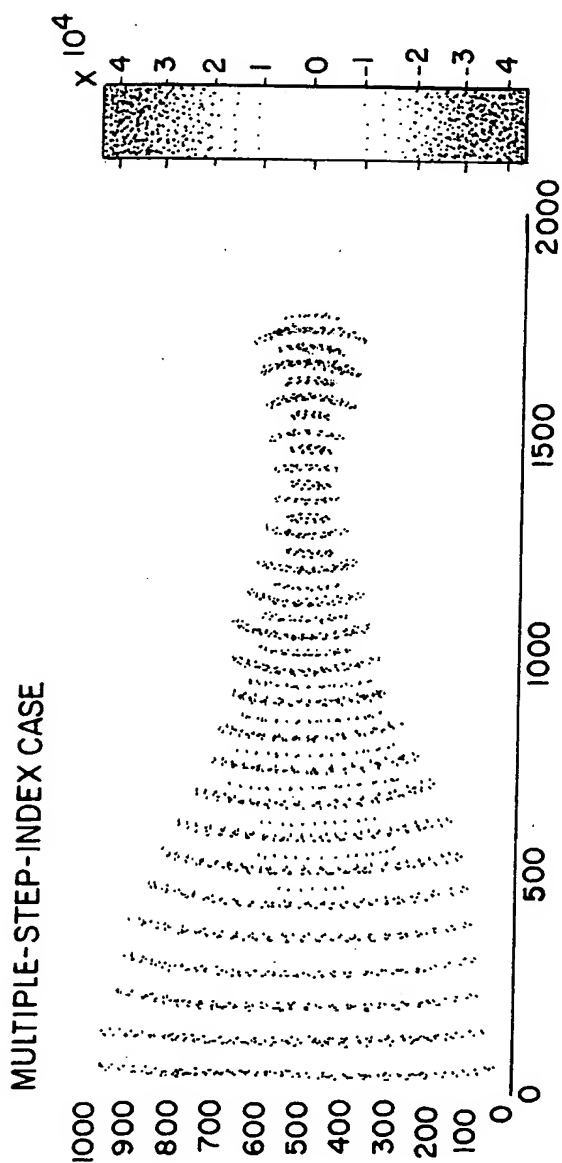


FIG. 4A

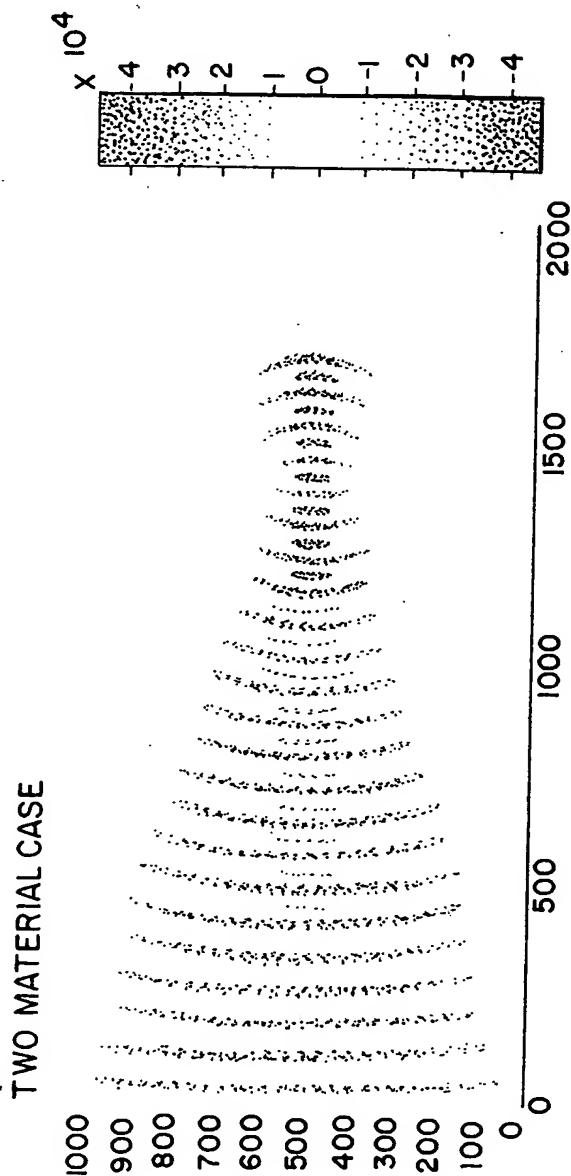
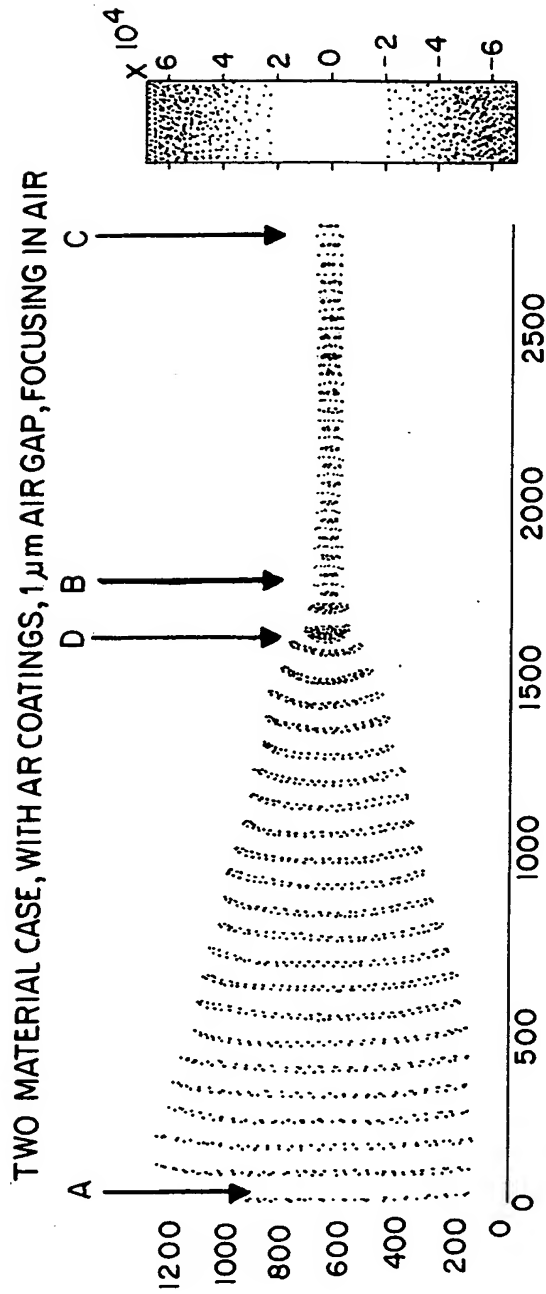


FIG. 4B

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FIG. 5A



MULTIPLE STEP INDEX CASE,  $1\mu\text{m}$  AIR GAP, AR COATINGS, FOCUSING IN AIR

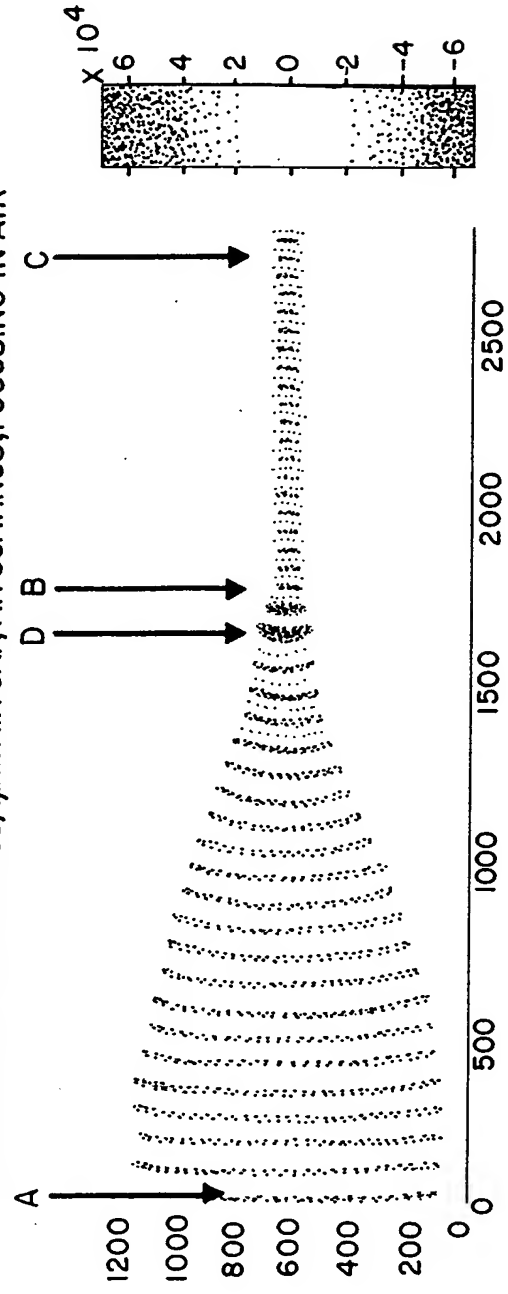
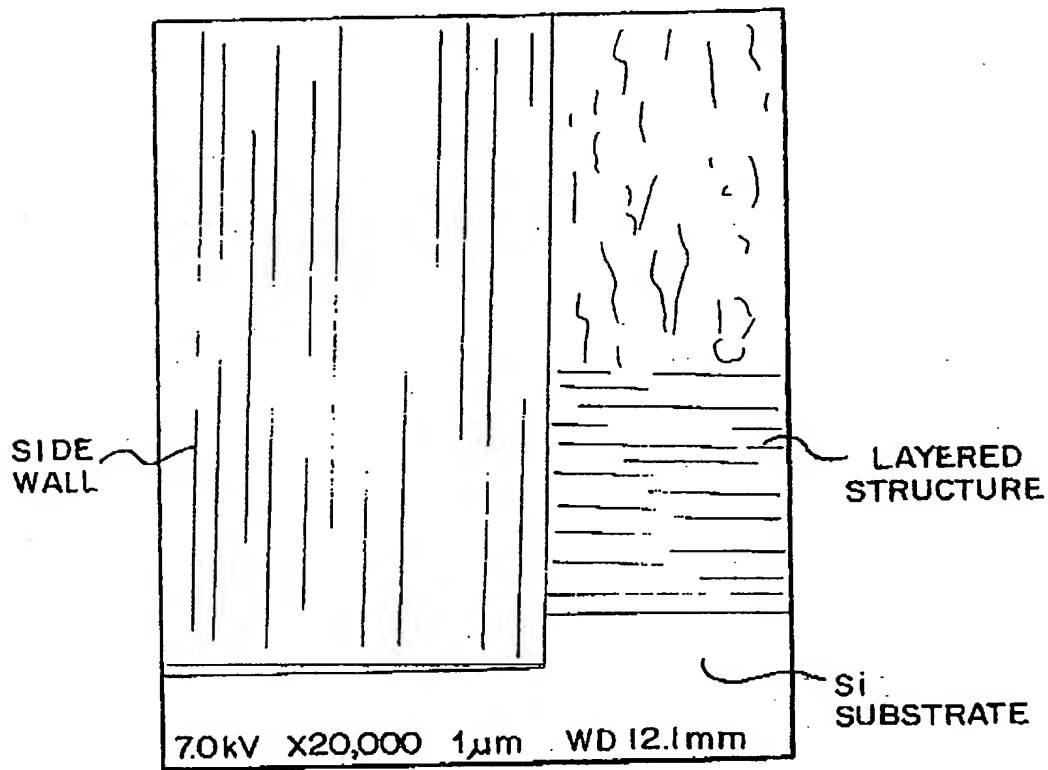


FIG. 5B

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FIG. 6



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FIG. 7A

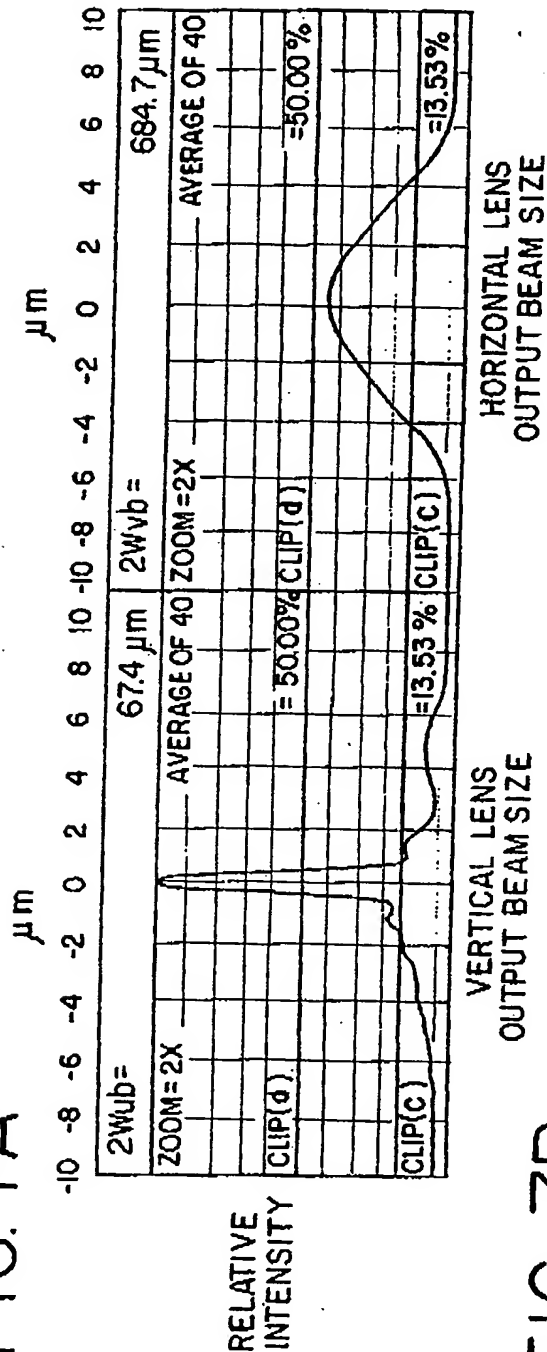
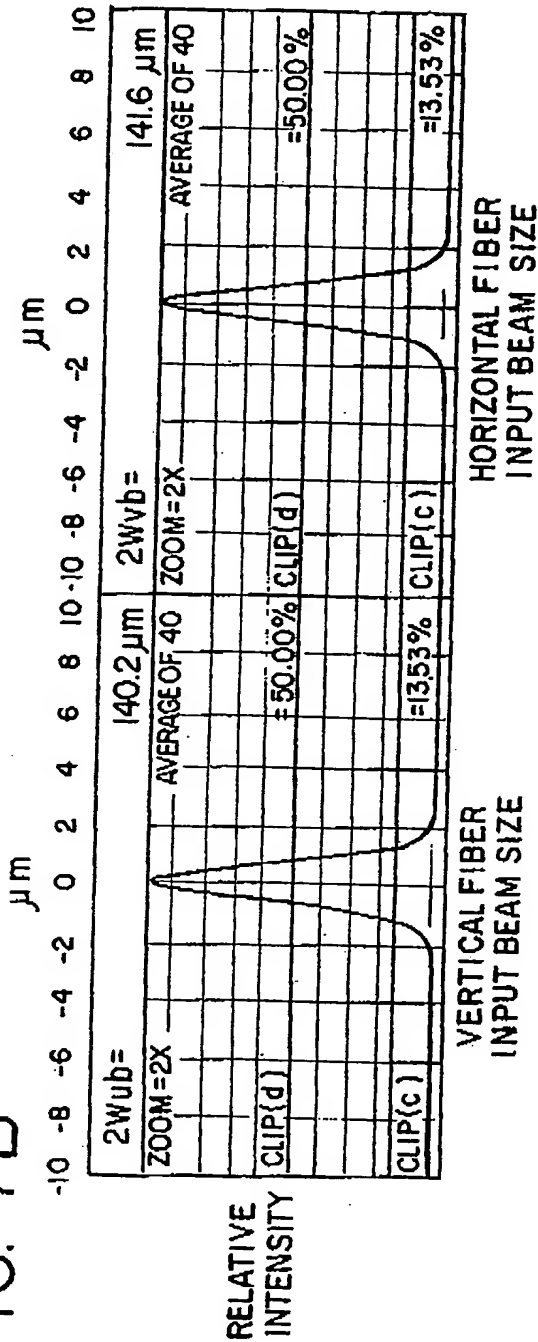


FIG. 7B



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FIG. 8A

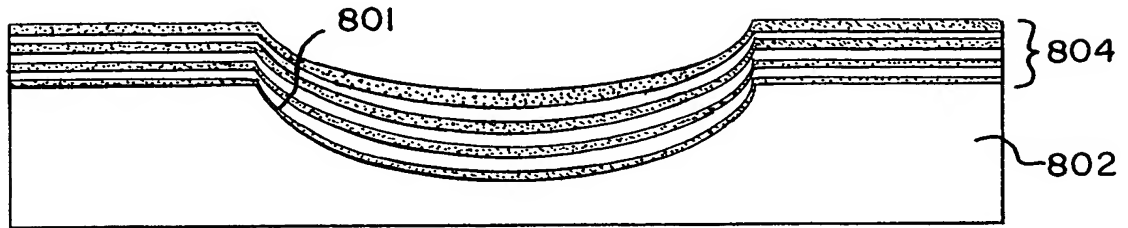


FIG. 8B

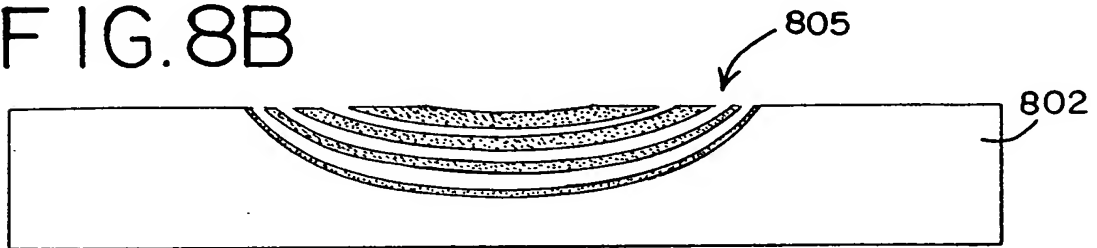


FIG. 8C

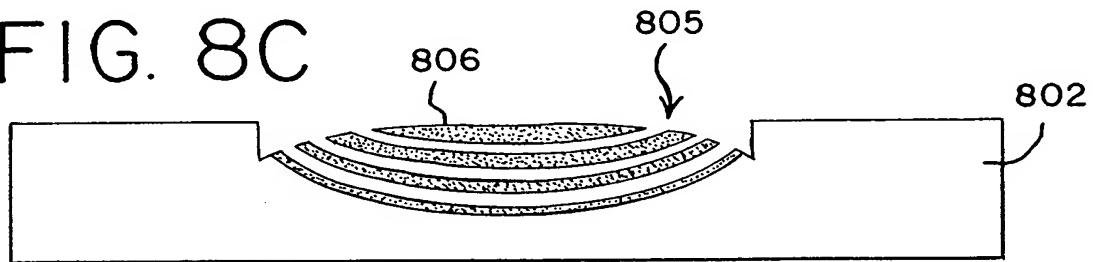


FIG. 8D

